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HALLIBURTON NUS
Environmental Corporation

Environmental Technologies Group
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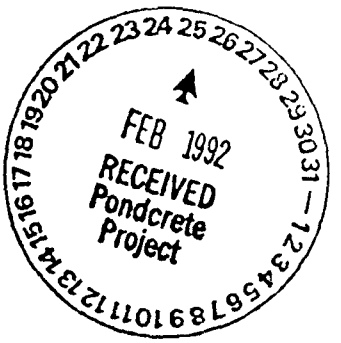
February 24, 1992



Mr. Don Ferrier
Project Manager
EG&G Rocky Flats, Inc.
5932 McIntyre Street
Golden, Colorado 80403

Subject: Pondcrete/Saltcrete Processing
[WBS 250 PROCESS CONTROL PLAN -
HALLIBURTON NUS ROCKY FLATS DENVER]
RF-HED-92-0079

Dear Mr. Ferrier:

The present project schedule dictates Pondcrete and Saltcrete reprocessing may occur during the cold months of the year. This would require triwall and metal containers to be moved from outside storage areas and unheated tents to heated tents. As cement processing is limited by a 50°F minimum temperature prior to cement addition, and 140°F maximum temperature during curing, we need to monitor the temperature rise in the various wasteforms when moved from unheated areas to heated tents.

This will be accomplished as follows:

- insert each thermocouple into the center of three blocks (1 pondcrete triwall, 1 saltcrete triwall, and 1 saltcrete ½ crate), and attach a fourth thermocouple to the outside of one of the blocks;
- move the blocks into unheated areas until the internal block temperature and ambient air temperature equalize;
- move the cold blocks into a heated tent and monitor until the internal block temperature and ambient air temperature equalize.

The three blocks will be chosen from those already sampled as we can refer to the sampling log and select those blocks most representative of the wasteforms. A procedure for installation of each thermocouple and monitoring of the temperatures is attached.

In a telephone conversation between Ernie Lombardi and Jack Templeton on February 5, 1992, Mr. Lombardi indicated that a formal review of the procedure would not be necessary as the techniques to be used are the same as those used in the Pondcrete/Saltcrete (PC/SC) sampling. The only additional pieces of equipment are the thermocouple and the meter, but as they are powered by a 9 Volt battery, no Health and Safety Risks should exist from the use of this equipment.

Please forward a copy of this package to Mr. Dean Pierson so he can schedule the work. As this needs to be completed before the onset of warm weather, this task should have priority over the PC/SC sampling effort.

Sincerely,

HALLIBURTON NUS ENVIRONMENTAL
CORPORATION

John A. Schmidt
Deputy Project Manager

JAS/jg

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